



Appl. No. : 10/645,001
Title: Mechanism for Mounting a Soil Leveling Device
Inventors : Fink, Jerome T. and Hagman, Rodney L.
Filed : 8/21/2003
GAU: 3671
Examiner: Alexandra K. Pechold
Docket No. : 3286W

Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.56

Examiner Pechold:

Please find enclosed forms PTO/SB/08A and PTO/SB/08B and copies of noted citations 4 through 9.

In reference to citations 7 through 9. The applicants are disclosing here illustrations of reel mounting systems offered by competitors of the assignee, Krause Plow Corporation, Inc.. The applicants believe that these products were offered for sale prior to one year before the application date of this application.

The applicants' understanding of the devices shown in citations 7-9 is that their general mechanical arrangement is generally similar to the prior Krause design shown in citation 4. That is, the applicants' understanding of the devices of citations 7-9 is that they generally include a carrier arm for supporting a reel (soil leveling device)

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May 7, 2004

INFORMATION DISCLOSURE UNDER 37 CFR 1.56

which is pivotably mounted to a frame and that a spring assembly is also mounted between the carrier arm and the frame thus providing a spring loaded reel. It is the applicants' understanding that these devices usually include a way of adjusting the amount of force applied by the spring in order to adjust the spring loading of the reel. However, it is also the applicants' understanding that the devices of citations 7-9 do not include a connecting link communicating between a spring assembly and a frame where the connecting link may either be locked or released to provide respectively a fixed setting and a floating setting.

A Check for \$180.00 is enclosed herewith to cover the fee for a late submission of an information disclosure statement.

Respectfully Submitted,



5/07/04

Date

Robert O. Blinn
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FEE TRANSMITTAL
for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$ 180)**Complete if Known**

Application Number	10/645,001
Filing Date	8/21/2003
First Named Inventor	Fink, Jerome T.
Examiner Name	Alexandra K. Pechold
Art Unit	3671
Attorney Docket No.	3286W

METHOD OF PAYMENT (check all that apply)
 Check Credit card Money Order Other None
 Deposit Account:

Deposit Account Number	_____
Deposit Account Name	_____

The Director is authorized to: (check all that apply)

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- Charge fee(s) indicated below
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-
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FEE CALCULATION**1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385			Utility filing fee	_____
1002 340	2002 170			Design filing fee	_____
1003 530	2003 265			Plant filing fee	_____
1004 770	2004 385			Reissue filing fee	_____
1005 160	2005 80			Provisional filing fee	_____
SUBTOTAL (1)		(\$)			

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
			-20** =	_____ X _____ =	_____
			- 3** =	_____ X _____ =	_____
				_____ =	_____

Large Entity	Small Entity	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$)

*or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	_____
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	_____
1053 130	1053 130	Non-English specification	_____
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	_____
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	_____
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	_____
1251 110	2251 55	Extension for reply within first month	_____
1252 420	2252 210	Extension for reply within second month	_____
1253 950	2253 475	Extension for reply within third month	_____
1254 1,480	2254 740	Extension for reply within fourth month	_____
1255 2,010	2255 1,005	Extension for reply within fifth month	_____
1401 330	2401 165	Notice of Appeal	_____
1402 330	2402 165	Filing a brief in support of an appeal	_____
1403 290	2403 145	Request for oral hearing	_____
1451 1,510	1451 1,510	Petition to institute a public use proceeding	_____
1452 110	2452 55	Petition to revive - unavoidable	_____
1453 1,330	2453 665	Petition to revive - unintentional	_____
1501 1,330	2501 665	Utility issue fee (or reissue)	_____
1502 480	2502 240	Design issue fee	_____
1503 640	2503 320	Plant issue fee	_____
1460 130	1460 130	Petitions to the Commissioner	_____
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	_____
1806 180	1806 180	Submission of Information Disclosure Stmt	180
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	_____
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	_____
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	_____
1801 770	2801 385	Request for Continued Examination (RCE)	_____
1802 900	1802 900	Request for expedited examination of a design application	_____
Other fee (specify) _____			

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 180)**SUBMITTED BY**

(Complete if applicable)

Name (Print/Type)	Robert O. Blinn	Registration No. (Attorney/Agent)	36,751	Telephone	3167733270
Signature				Date	5/7/2004

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known	
Application Number	10/645,001
Filing Date	08/21/2003
First Named Inventor	Fink
Art Unit	3671
Examiner Name	Alexandra K. Pechold
Attorney Docket Number	3286W

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for PTO-1449/PTO

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/645,001
				Filing Date	08/21/2003
				First Named Inventor	Fink
				Art Unit	3671
				Examiner Name	Alexandra K. Pechold
Sheet	2	of	2	Attorney Docket Number	3286W

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	4	Page 4 from Krause Plow Corporation's Operating Instructions dated October 2000 showing assignee's prior reel mechanism. See note 4 in upper right.	
	5	Pages 8 and 9 from a DMI owner's manual dated February 2001. Attention is directed to the Figure on page 8 and Figures 2 and 3 on page 9.	
	6	Excerpt from literature by Wil-Rich Manufacturing of Wahpeton, ND showing a basket assembly having a quick release mechanism. Date believed to be prior to 08/21/2002.	
	7	Advertising literature by Remlinger Mfg. Co., showing basket assembly with "spring adjustable arms", Apparatus shown believed to be on sale prior to 8/21/02.	
	8	Great Plains Mfg., Inc. Brochure, Page 17, Believed to be dated August 2001, See picture at lower right of "spring loaded reel".	
	9	John Deere sales brochure entitled Seedbed Tillage believed to be published in October of 2001, Page 23. See "3-bar spike-tooth harrow with rolling basket" at top of page.	

Examiner Signature	Date Considered
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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